

FIG. 1A

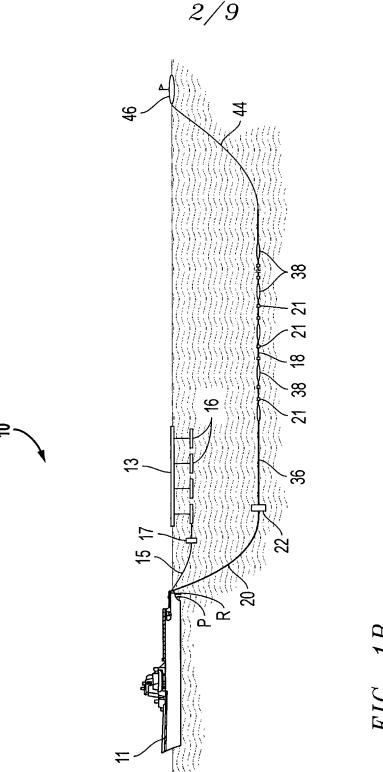
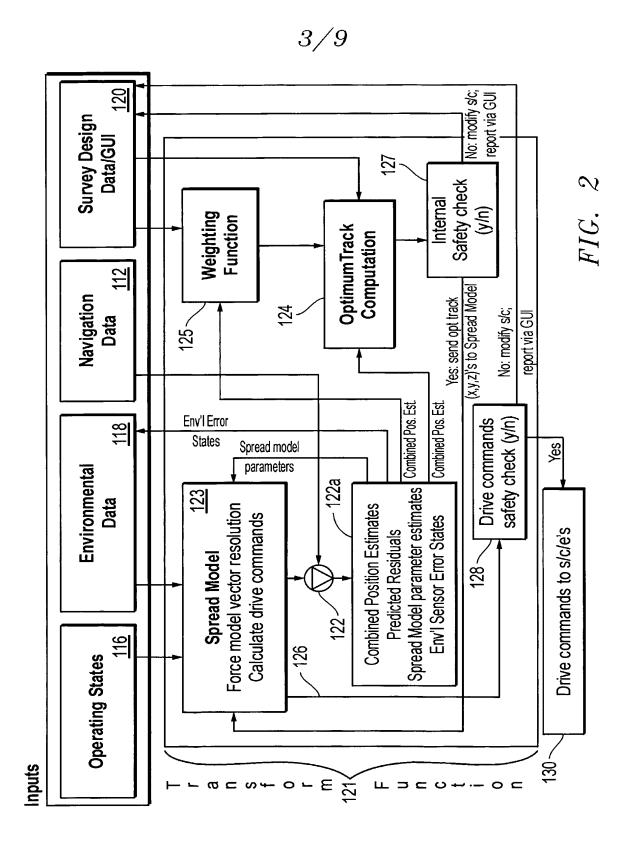
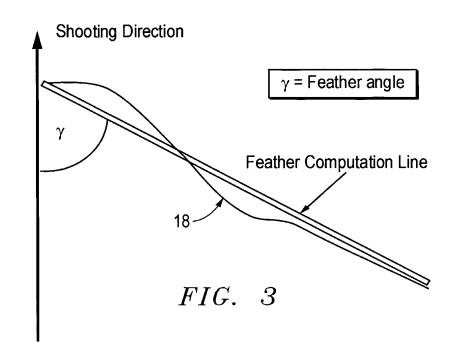


FIG. 11







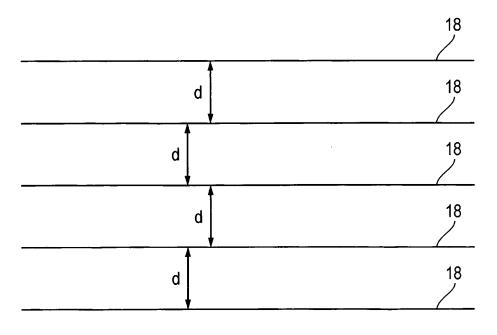
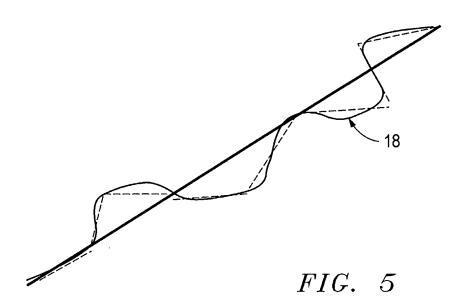


FIG. 4





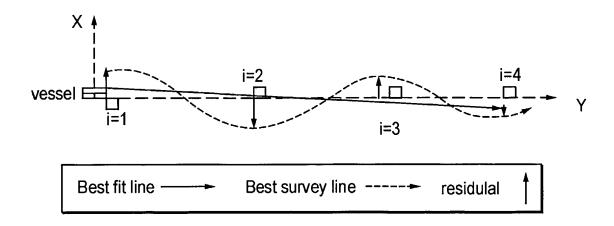


FIG. 6

6/9



L2 Line Fits to _____ Base Survey track Base Survey ____

track

Vessel Track Guided by

Successive Line Fit Look Aheads

FIG. 7

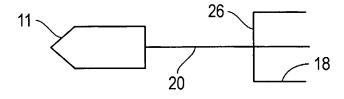
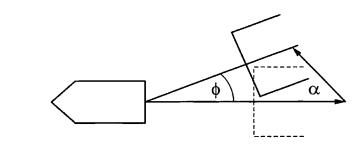


FIG. 8A





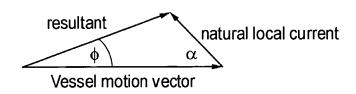


FIG. 8B

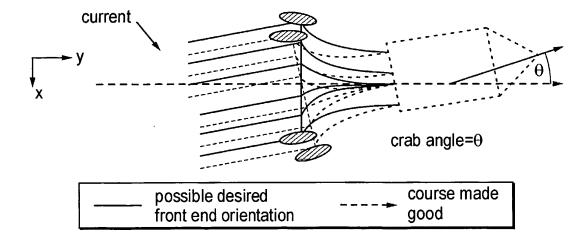


FIG. 9

8/9

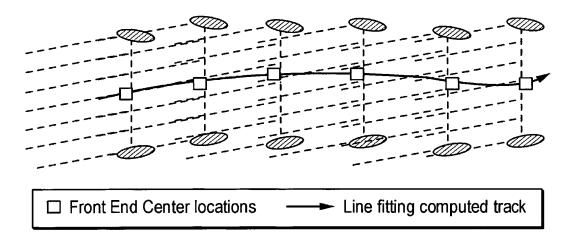
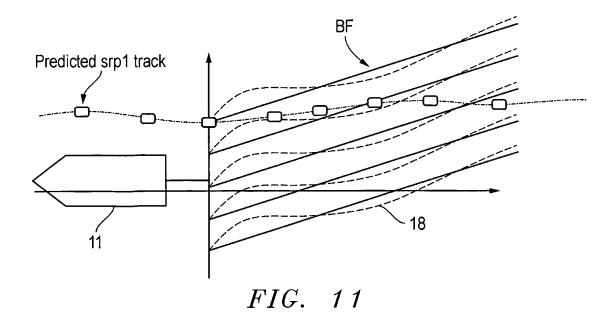


FIG. 10





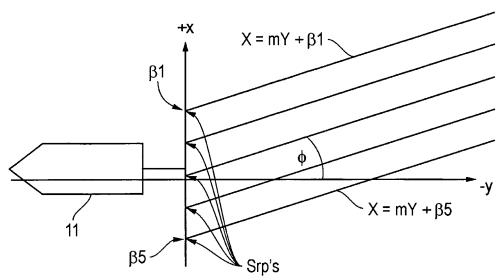


FIG. 12

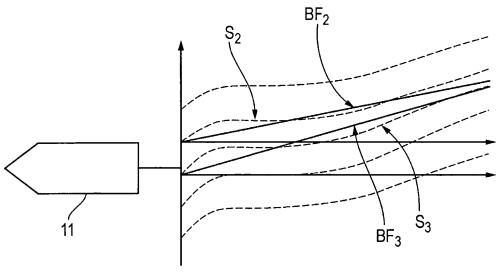


FIG. 13